Rec Jan 24
Ans Feb 25

Lexington Ky. 18th Jany. 1859

Dear Sir, I have 12 white
Curtis 4 Gens.

Messrs Rice & Kendall,

Water St. Boston are the persons with whom I have contracted for paper, both kinds (species) paper & Gens covers.

Both I have made to special order — and a good large lot at a time, in order to make them do it, on reasonable terms. Mr. Shaw may refer them to me, for the patterns of the article wanted. (if he takes my size and quality); or, under his instructions I will get

their terms, and order for them.

By 1st Feb. I expect to get something for Fendler. But I still delay the Continental sets.

MISSOURI BOTANIC
GEORGE ENGELMA

I greatly doubt if Vilmorin's tree actually came from Montevideo. Interpretella.

The "Atriplex" thing you send = Alternanthera (Blodettia, Nuttall.) lanuginosa Moq. in DC. 13. p. 359. — the desert country all full of it. Ever yours

A. Gray

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ANICAL GARDEN
LMANN PAPERS

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Rec^d Jan 15th
Ans Feb 25

Cambridge. Aug. 8. 1859
Saturday Evening

My dear Engelmann.

Yours of Aug 3d is in hand.

First about the grass, Sesleria ductylides, Nutt. I very figured the male in Emory's Report, & quoted the genus. Dr Whipple's Report he has still let it stand, tho. I had pointed out to him that in Torrey's account of Sargent's coll. it is enumerated under the name of "Calamagrostis ductylides, Kth. — Nutt. Sesleria ductylides, Nutt. Gen. etc." — Now Kunth has no such name. So I take this to be Nuttall's pass. name in Hb. Torr.

Again, — another equally blind clue, I have the (male) plant in Sartwell's coll. Mex. no. 280. —

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Turning to Bentham, Fl. Hartweg. [which I think you have: if not I will send you a copy, I still having a duplicate] — I find it indeed on p. 28. — "no. 250 Triodia sp.?" — But in Conjeanda, p. 347, "Lasiostega humilis Ruppecht (ined.?)" — and Grenier's recent Graminologia has no genus Lasiostega.

That is all I know. I have no female flowers and no evidence that any body ever saw them, here.

But now, your little sketch makes me guess that your female flowers may belong to Nuttall's Oryzopsis squarrosa = Muhlenbergia Tur. in Whipple Rep. but this

MISSOURI BO
GEORGE EN

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GARD

be so? And can Allionia really be the fertile of the Buffalo grass? I doubt.

About Dicœcious grass — while your hand is in, look up that one of coast of Texas — which Lindheimer gathered male & female at Galveston, May, 1843

No. 3227, Bulandier, and also grass on Key West (Blodgett)

In Mr. Clark's it has Nees, MS. name of "Bouteloua" — not published.

I never looked much at Bouteloua. Torrey had mine a long while, but settled little and ticketed less.

You ask, what is Lindheimer no. 477? It that is "70, 4/46, San Antonio, in Muskit thickets"

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it = Mights, 1873, = Buckley's Upper Mis. Mi. which Jenny named for me "Echinosperm patulum, Lehm. Exactly like Watkins' plant."

= Clear-water, Oregon. Mar. 1873. Spalding.

Then I have the same thing? (but without the deep pit?) from Oregon Jones, ticketed by Blanchan when Watkins' Curator

"Echin. sp. Redowskii, Lehm.
— patulum, Hook. Fl. Bor. Am. non Ledeb."

Or, see what you can make.

It is in Sartwell's Platte Coll. but I cannot now lay hands on it. [Hook. b34. Jen. also names E. patulum]

Buckley got another — which Jenny named "E. Hermentii. n. sp." I send print. It is near E. Lappula.

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I wrote to Dr. Boynton to the same purport that I wrote to you last, and said I would send his whole Platte collection on to you, after running through it, & naming as well as I can the plants I have in it —

I enclose his reply —

It will be better for him to take out a set for you — for the collection is put up in a bulky way, filling 5 thick parcels — the same things over & over. For it would cost more than the things you get would be worth. I think he will send you a set — which you ought to have —

My wife has lost strength & flesh during the past year — is quite run down — tho' not so dyspeptic as formerly — I do not feel at ease about her.

Ever Your affectionate
A. Gray

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Machaeranthera. I have no confidence in Nuttall's various species, nor in size of head — All are to me M. canescens.

"Tetradymia Drummondii" — very small, and confining Torrey, who says it is annual, Hayden has it in plenty from the Platte, — with hard or ligneous base.

"Lithospermum breviflorum." I believe it is only L. angustiflorum, Mx. — I will look at herbar in the morning of Monday.

— The Texan plant = the Missourian. = pl. of Mead from Illinois, which is, no doubt L. angustiflorum.

[Hayden has L. Mandanense also — larger, yellow corolla.]

"Mimosites suffruticosa Torr." (ex Torr. ips.) = "Eritichium suffruticosum, Torr. = Hendl. b 31, ex Torr.!"

No Market St
Alexandria, March 10 1859
15.

Dear Engelmann

I have your of Feb. 25 – some time ago – about Hort. Papers for Hort. Missouriensis.

I have applied to some other botanists, who are in the habit of wanting me to get hort. papers for them, whether they will join the order, and then I will give it out. – From what you say about the building I suppose there is not much hurry.

I have reported on the Polypet & Sympet to Sereno Watson's Colorado Expedition

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I sent the rest to Torrey long ago — It was a free call.

Of Hayden's things which I run over hastily and named on the labels, I have no list. Hayden said he was about to take up the coll. & would send you a specimen of every thing with the name printed by me.

You will find many things named wrongly. I dare say I had no time to study them.

I thought I had put into that box of yours up yonder — 3 years ago — a copy of Pl. Stansbury. It cannot seem not. I must have

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GEORGE ENGELMANN

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one remaining for you.

I am going to send you with it, as far as published, a copy of Flia Orchidaceae of Lindley, — to be continued as publication proceeds. You will receive it as from the author, and feel bound to send Orchidaceae whenever you have them. — N. send him Euphorbias & Cissus to be named by you.

Curtis is O.K., — not the man who was found.

Dr Brown is to have a pair of botanical mss. in law. I wish the young people joy.

Ever Yours
A. Gray

CAL GARDEN
ANN PAPERS

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MIS
BOT
GA

Rec'd 28 Apl
Ans May 13

Cambridge 23d April, 89

My Dear Engelmann -

Yours of the 15th and the seed came today. Many thanks, and I return the stamps used.

I ran on to N. Y. with Mrs Gray, and left her there to make a visit, to see if she could recruit a little. For she has got very much run down this winter. She is now suffering. What the exact trouble is we cannot say. General feebleness, & a quick pulse - except when she gets a dyspep=tic turn, when it comes down at once to 60 -

I expect her home again in 10 days

I could not believe that Buffalo Grass? was the female of Buffalo Grass, and I am leam from Jenny that you abandon the idea. But where is the female Buffalo grass?

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Torrey asked me to send you some seed Anthericum but I have not the genus. I sent him P. de Beaux. Aspect, out of which to copy out by tracing & send you the analyses.

That must be Lilium: the styles must be looked to. I am no longer surprised at united styles in Melanthaceae after a Japan thing which is just Veratras but with the styles united, and even the stigmas, into one.

Mistletoe is getting on very well, and making a good collection — is very comfortable there.

I am now going down to order your Herb. paper.

MISSOURI BOTANI
GEORGE ENGELM

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I shall get it in a few weeks after ordering. The longer it lies before using the firmer it becomes & better.

But — as it is always better and difficult to match what we have once got, let me suggest to Mr. Shaw to order more

12 reams genuine cows will do very well, but 24 reams of plant paper, = practically about 11000 sheets — you will very soon use up. Even Eaton is going to order 25 reams in continuation of his sheets. and I rather have 10 or 12 on hand — as much more.

TANICAL GARDEN
ELMANN PAPERS

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I am going to send a box to Dr Comstock in a few weeks —

Torrey is to send his California (Mr. Wheelock set) Oaks, & I suppose of E. N. Spear — a minute unarranged material, from which I will let Dr. call any duplicates proper to take. Will enclose your Oaks also, if you choose.

Very good natured of you to send them, when Dr. was rather shabby in his treatment of you.

Dr. wants Sagebrush particularly — for his son to work up for the Report.

In haste Ever Yours

A. Gray

Recd May 8 1859
Ans May 13 25th. Mon.

The only Euphorbia in the little collection it belongs to –

I could name it by reference to Baillon I suppose. But when you are next visiting you may as well tell me.

I write to you, a few days ago.

A. G.

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MISSOURI BOTANICAL GARDEN

Recd May 21st
Ans 2 June

Cambridge, Mass 19

Dear Engelmann

I send you Bentham's letter, wanting to find a purchaser for a set of Spruce's Amazon plants. Mr. Lowell is too poor since two years ago. It is just possible that Shaw might take a fancy to the collection, but I do not expect it nor care to have you send him Bentham's letter, unless you think he would like to have at least the Nov.

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Mr Mears, in particular.
What do you think
of this new European
war? It seems to me
no good can come of it,
to anybody.

Mrs Gray only sends
her love and
my best regards to Mrs.
Engelmann.

Anderson desires to be
kindly remembered to you.

Agassiz is in very
poor health — has tried
to do too much — will
go to Switzerland as soon

MISSOURI BOTA
GEORGE ENGE

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as he, or rather Mrs,
A. gets quit of the
school for the summer.
The last club of the
season was at my
house last week.
Your photograph was
seen & recognised, and
many enquiries were
made about you.
Ever yours cordially
A. Gray

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LMANN PAPERS

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Acc: 1 May 24
Cambridge. 18th May, 1859
Ans. 2 Jun

Dear Engelmann

Yours of the 13th came this morning, and I will hastily notice it, pertinently for I have much to do now.

I think you can buy the 1/2 volume or part of Mem. Amer. Phil. Soc. ~~vol.~~ 7 n. ser which contain Nuttall's Arkansas paper. Try thro. Mr. Pennington Antiquarian bookseller — Or, shall I try for you.

Well, even $10. or a year is much better than nothing for the Botanical Establishment. I wish we had half of that.

I will do anything I can in the way of affording

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information to Shaw's lawyer, when he comes. You had best indoctrinate me beforehand with any views which you yourself think important,

MISSOURI BOTAN
GEORGE ENGELM

If you can send them, you should send. Data to S.C. through Smithsonian. But I mean to send a box from me direct, via Paris (Delessert) which will cost me less than to send to Washington.

Now, I will order the herbarium paper, and increase your portion as requested.

Dr Shaw will be

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liberal in this establish-
ment, why not turn over
to him your general bulk.
If I had me I could
have free access to
always. I would not take
the expense & trouble of
keeping up & increasing
one myself.

ANICAL GARDEN
LMANN PAPERS

Metternich should come
into direct communication
with Cotta, who will
manage all Foreign-exchanges,
& is active, & I think
would be glad to supply
him with Fendler's Duplicates.
Write to him at Stuttgart.
I will see that at N.
has a full set of Wright's
new Cubans — which

will probably contain all the former ones.

Dr. you have made the capital discovery, and proved the so-called Mutha-phora to be the food of Buffalo-Grass. I would not have believed it without direct evidence.

I can not study it (it would take me a long while to get the case so before me that my opinion about the affinities of the Grass would be of any use); but it is most interesting, and I beg you to work it out in detail and thoroughly.

Bubalophöe (or Bubalophora) would be a good meaning name, indeed — the word not very good — as the accent would fall on antepenult.

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Acc. May 24 1889 18 May '89 No 2

I do not now remember that there is any name that need stand in your way. Author Phillips, you know, "bal author a ~~[illegible]~~ Rudolf oides Kth." Mr Kurtz has no such name. — I presume it is a slip for Nutt (in text-book.) But that is only a guess of mine. The name too is unmeaning. And in a new genus, three names "Dactylolides" & axilliflora" might be passed by. But I go for sticking to the old names when it can be done. I offer no opinion on this point now. Can I help you about the engraving?

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I have not time at this moment to find out what first said Brizosporum (in all its species) is Diplodia. Ask again, if you want me to hunt it up.

Cragmitis septata is also Diplodia, or Diplodiopsis.

MISSOURI BOTA
GEORGE ENGE

I send you anon — by mail, the sheets of Fungi. Might — & some other matter,

I send your sketch, & your whole letter to Tony

Ever yours

Asa Gray

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Rec'd June 11th

Cambridge. 6th June 1859

Ans June 15th

Dear R.,

To-day I recd your letter of June 2d — had this morning & I went to Boston & have ordered the Bostn papers. Shaw had little idea he proposed to take the Spence collection.

Shaw is very liberal to give $10,000 out of an income of 15,000. Perhaps he will do more when he gets under way. Surely he ought to take Hawkins's collections & place him as a curator. It is his very place.

As to your. Ever truly

I think you are right for the present. Keep your own, — arrange it on paper of size of Shaw's, but look to an eventual combination — either in Shaw's life time or after, and be open to propositions from Shaw; as for example, to take your whole business — provide for maintenance & increase — and when ready, to make you director of the whole concern. This duty must devolve upon you, and when it does — with a decent salary, you could

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GEORGE ENGE

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reside up there — there
physic to the dogs —
or only to take a share
in consultations — and
have time to do some
justice in Botany.

TANICAL GARDEN
SELMANN PAPERS

Meanwhile, if Shaw
would take your herbs
upon proper terms, you
might at any time
have any particular
families with you, in
your house, to work at.

Better send your orts
to S.C. by Smithsonian
institution — when
will be packing most
matter — will save
some charge
this way, but safe.

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Lorenz dislikes
your proposing a
new name for
Buffalo Bones.

I rather approve it,
and assume Bufova
(or Buchelve) as
much better than your
former suggestions.
So I do not think
Dr Hydes very much
objectionable. I should
incline to keep it; but
I see no sufficient
reason to protest against
Buttalli. There are
some good reasons for
it, and good analogy
to justify it. Use your
judgement.

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2 6 June '59 Acis – June 11th 1859

As to the other, really I do not know who you mean by that name Olivanitus – and I advise you to ignore it altogether, under the circumstances. And I like Mrs Antrobus very much.

I asked Mrs what he thought of Mrs – & he said he thought it Schleiderus. He is sharp on Spain & has notes on many Britonia. I shall not tell him what you are driving at, but you can consult him if you like. I suppose

he may have seen the Texan Grass in the Ms. Work.

I am glad you will write this paper, & write soon, & publish figures. You will publish you say at St. Louis.

If you cannot get the work (your drawings) printed by put on stone in St. Louis, I could see to it for you in Boston.

MISSOURI BOTA
GEORGE ENGEL

I have not seen, & cannot get out a copy of the Boundary Survey, nor has Torrey received the extra copies, which

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he arranged for, I urged Irmay to cite all the Bulgarian nos. of Lich., Hindl. & Mights nos. — but could not make him do it. —

If I had time I should be glad to dress up a list, of all, citing the numbers. But how shall I get the time! If it was done I could readily arrange for printing it. Could you do it?

TANICAL GARDEN
ELMANN PAPERS

Ogasiz (& wife) have a note from Nebraska June 15th. —

Mrs. Irmay is improving on the whole, but has had a hard spring.

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I mailed for you this morning.

Lindl. Gelia Arthrideae — new genus, from author.

and a copy of my new Memoirs. Nevinia — Brownia, Japan Botany — Hope they will reach you safely

I have nice specimens of the Nevinia for you.

Our kind regards to Mrs. Engelmann

Ever Yours

A. Gray

Gelia Arthrideae

Perrat of Fendlin & others D. are named. There will be more in the next part (Pleurothrallis)

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Do you know anything about Everend = Engl. Foundry & Sir Francis?

Dear Langsman

Rec'd June 27th

Herbs no. 2538

= Antheophora, no doubt,

C. June 22. 1859

Dear C.

I have written to Philada.

for Mitchell's paper on Arkansas Zebra i.e. the part of Acad. Phil. Soc. which contains it.

Lell Boisier he will find that paper in the proceed. (5th) of Acad. Nat. Phil. Soc. in the Library of Soc. Phys. et Hist. Nat. Genève.

Shameful is the verdict in the Shaw case — Will doubtless be set aside. If more moderate it might have stood.

Is there any evidence of bad character really?

I possess the specimen of

Stuttgart no. 250. which you
see, on p. 28, Bentham calls
Zinnia Sp.? On p. 347.
appears, he says (= Sartwina Sartwel.)
"no. 250. Lasiostegia Bunni=
lis, Rupp. (ined.?)" Evidently
Evidently named in a letter
as he says from, on the other page
"Rupp. in litt." of other things.

I mail you a-day.
At Stuttgart, starts from
p. 333 to end (thought
I had sent them before)
and send Sarcinia in
it. If it fails or
crushes I will put in
pigeon-hole for you.

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Both Trichomanes are included — But that is all my mind.

(?) But I mean to keep Pigeon-hole for you to keep in things as they turn up.

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ENGELMANN PAPERS

J. Hooker's Herm. &c.

Bayis cell. is in Kew. Jour. Bot. vol. 8. p. 18

"Calanthera dactyloides Kth. — Nutt. Gesleria dactyloides Gen. v. 1. p. 65. Stat. Fertile Plains of the Lower Platte. The 'Buffalo-grass' of the trappers, as it occurs only within the range of the Pisoni. The anthers are bright orange, June, no. 18."

That is all, but neither Kunth nor Nutt have published a Calandrinia.

Except Hartweg I have no evidence of the plant being Mexican. Likely to be throughout Northern Mexico.

Cite Berlandier's no. 1612, 1614.

Mr Drummond 3d Tex. Coll. no. 378.

"Olvantha" I found written on label in Hook. Lib. either "Olvanthus Nees" or the name in Nees' handwriting I forgot which. Suppose you ignore it!

I do not know Dr. Kellogg's address. I suppose San Francisco.

Ever yours cordially

Asa Gray

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Rec'd July 5th
Ans'd July 30th

June 29th — 1

Dear

Post Am. Abbot

I have made enquiries at Philada — and learn that the Phil. Soc'y will not any more sell the separate parts of back volumes (although separately published) but we must buy the whole volume to get Nuttall's Arkansas paper, and pay $6. Shall I get it. I suppose so. Will then tell me if there is any place at Philada where it can be left — for some St. Louis man to take to you — to save expense of sending it to Lambert

Or, shall I direct the rest of the vol. to be sent, for

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what it will bring, and send Metcalf's part of the ms. by mail.

I mailed you to-day a copy of a German reprint of Brown's paper on Stylidiaceae

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

Thos. Meehan of Germantown, near Philadelphia has found Lycopodium tuberosum (I suppose it is — Flower terminal!)

I have asked him to send a flower to you by mail.

Ever yours

A. Gray

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G

Recd July 26th
Ans Aug 3d

Cambridge, July 20/59

My Dear Engelmann

Your letter paper is done, and by this time shipped to St. Louis, and address to Mr. Shaw, as instructed.

The lot of <u>white</u> varnish the 48 reams by 1/2 —

Quality so — judging from the samples I examined, <u>good</u> — no mistake about it except that it is dead white, instead of the very slight blue tinting of sample. I have

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scolded, but the fault is trifling.

The paper gets stiffer when a few months old.

Remember that if paid on delivery there is a discount of 5 pr. cent.

If you choose to pay it, or your part of it through me, I should like you to pay seventy-five dollars to Hendler, and send me his receipt as part of your remittance. This would save trouble and exchange.

I have despatched a box to Debundsche, and

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GEORGE ENGELMANN

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another large one to Paris.
Just finished College
work, and now for
Ex. Ex. of Wilkes, with
all my might, — after
a week or two more in
clearing off rubbish.
Ever Yours cordially

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Rec'd Aug 13th
Ans ~~Sept~~ 12th

C. Pendora

Hamilton 8th Aug. 1852

Dear E.

Just back, wife and I, from a visit to my mother in New York state — and stay'd 3 days at Springfield, on return. Science Dr — Dr. — Journey there — Sir? —

I will pay your due of $3. or $6 — as it may be (2 years?) and deduct from what I wish to send Henslow. I have only a trifle at present in my hands for Henslow, but think I ought to advance for some which I shall receive ere long — the delay being caused by one — I have ~~[illegible]~~ prompt on

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hand, and will send $70 — with this. and you may also pay to him the $5 — which I shall pay Lewis (Secretary) — for you, when he returns from Springfield.

So the Grasses are printing Mr. I hope soon to see — also the Cuscutea

There is still plenty of time for sending your Oaks & Hickories to Dr Engelmann — as Smithsonian envoi will not be made up till October.

Mr Tiffany dropped in 6 weeks ago — said he would send me written questions

MISSOURI BOTAN
GEORGE ENGEL

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MISS
BOTAN
GAR

to elicit the information required. I promised my best attention. But have heard nothing since.

Mr Shaw has lately written. I enclose his letter to you. I have just replied to it, expressing a lively interest in his projected establishment and offering my best services if he requires them in the way of advice or suggestion. I hope it will be all right in the end.

Mrs. Gray is still rather poorly and thin. Remember us affectionately to Mrs. Engelmann and Georgy.

Ever Yours

Asa Gray

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Recd Sept 18

Sept. 14/59

Dear Engelmann

I have had for some days the 1st shoots of your Fuscatus Sturvah!

Send me by mail some ripe pods and seeds of Houstonia minima, Beck! I have no seeds ripe. are the pod carpels practically reflexed or spreading

I am going to clear up that species — (or mixed up with H. patens) & restore the genus Houstonia! A.G.

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Rec'd Sept 26th
Ans Oct 17

Roanoke Va. Sept. 21/59

My Dear Engelmann

I have had your letter 12th for some days, but have been too busy to write. I sent you a printed line the other day. I forgot to enclose in it your receipt for $8.- from Lowing. You still owe for the current year, but no matter for that before next spring — when the Proceedings are issued.

Under the circumstances, I should drop Rafinesque's name Buscuta paradoxa merely mentioning, under B. glomerata, that it is probably Rafinesque's plant, but does not accord at all with his description.

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Miss
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It is an old law that N.A. collections in Nat. History go to the custody of the Smithsonian Institution — and is a good plan. They only want one set, and will allow the duplicates to go where they would be most useful, &c

MISSOURI BOTANICAL
GEORGE ENGELMANN

What a pity your brother lost his collection!

I have been continually promised from Texas that his return as of his boundary survey would be on from Washington in a week or so — This has gone on for a months. — and now I really doubt if we shall ever see them. — What the hitch is, I cannot find out.

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As to the incidental notice of your Cactacae, really I had no idea of over-praising, or of = fending your modesty. I think what I said is all natural and right.

It is proposed to Prof. Sturtevant to print Cat. Vert. Plants, and get Hunter to do it. You may be asked to recommend it.

I must look at your Parmychia thing by day-light

I do not know how you range the Sagittarias. But we have an interesting one — from Kennebunk, on the edge of Maine, just sent to me alive! —

CAL GARDEN
ANN PAPERS

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MIS
BOT
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Yr Dry I inclose a specimen in this letter — if not, next time.

Almost or quite in perfect.

Leaves thick — cellular, tubulate, or blade.

Flowers all seem perfect.

Stam. 6—10. Short. Petals imbricated in bud.

Fruit, as you will see — harmony, ovate, with a short inflexed beak, surrounded by a narrow, thin wing.

What is it to be?

We are repairing the roof & other parts of the house, & putting in gas, — much upturning.

Mrs. Gray sends her love and asks after Mrs. E. & Grace. How are they? Agassiz is expected home to-morrow. He has had a nice time.

Ever yours Asa Gray

Rec'd Oct 15
Ans Oct 17

Oct. 11, 1879

My dear E.

Just as I write last I get your Grass paper. Very interesting — very well done every-way. The English good and vernacular as far as I see. I have noticed the paper for Nv. Ro. of Bill, Journal, in some detail.

Thanks for the Stratonia minima; it served my purpose: and here are the specimens "to be returned"

Oh Chapman the inter-Alleghanian-Alöe allied to Hypoxis! It has been in Vermont the last 2 months or more — Its printing gets on slowly, & I have seen little of it.

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I had hoped we might see your Cuscuteae in time for him; but he is close on it at the printers. He says he will write you, and would be glad to have aid about the Euphorbias — which he takes a fancy to, very much.

I re-establish Australian — will send you printed — may talk in a week or so —

Asaph is looking very well indeed, & had a nice time. Mamma usual. I have been looking up Loganiaceae & E. & G. because of them, like mistletoe Rubiaceae (just done) & other things I am now at this

MISSOURI BOT
GEORGE ENGE

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Approached

Mittall is dead; æt. 73, (I thought he was older) — died Sept. 10. Dr is Dr, Sonspiel, æt. 86 — and Heanfrey, suddenly, æt. 39, — a real loss. There is now no vegetable anatomist left in England.

Ernst Meyer's Herbm library are on sale — the Herbarium for £300.

BOTANICAL GARDEN
ENGELMANN PAPERS

Let me know how Mr. Shaw's case comes off in the new trial. I hope he will not lose money; but will some of it for his Garden & Herbarium.

Ever yours
A. Gray

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Rec'd Nov 11th

St Louis Cambridge 5th Mo. —

Dear E.

I got your last short epistle a few days ago — Glad to see that Jo done — I shall look it over presently. All gammon, that of Klotzsch, dismembering Euphorbia — I had not seen it. Another crotchet come up is that the flower of Euphorbia is simple! And Dr. writes me as if he thought it might be so!

Thurber is working at his book. I hope he means to put in European authorities —

I told him to go E. to the Mississippi for all plants which do not cross it.

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Miss Botan Gar

Might still in Cuba — making away. I shall soon have a mean lot to distribute — a good part of which coll. is already in hand.

Never did I hear of a fasciateament before.

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN

As the plant I sent is Sagittaria calycina — curious.

The little Pamphalia = Angelia dichot. — but it hurts the genus to have such a style.

Chapman wrote S. 3 weeks ago — has got Eaton to read his proofs — Lately in the season Chapman revised his mss. well and sought and used information

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freely at his service in my herbarium & library. At length he got tired. — Did not much like me to see his mss. or proofs — partly to save me trouble, knowing my hands were full enough, and partly to save himself the trouble of revising things which (tho') he ought to be bettered.

NICAL GARDEN
UMAN PAPERS

For there will be much in his book not as good as it ought to be.

I have printed some Rubiaceous notes — will send on a parcel to you by Express — with Mss. & Proceed. Amer. Association &c — I am daily in Compositae of U.S. Expl. Exped.

Ever yours

A. Gray

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P.S. 7th Mo.

I add the enclosed as from proofs of Chapman's book. I remember that he said that you had mistaken or confounded with others some of his species.

Communicate with him about them (Apalachicola, Florida), and correct each other, making, being sure you carry you need, and any corrections you have ~~[illegible]~~ for these sheets could be made on the plates.

A.G.

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Recd Nov 30th
Ans Hamilton Dec. 23d Nov. 1859 —

Dear R.

Your favor of 19th came this morning. I stupidly omitted to send you p. 403. Here it is. Correspond with Chapman on the subject, and where you can correct & convince him he can alter on the plates.

Every facility was given Chapman here, and every assistance offered on my part. — But he preferred not to consult me ~~very often~~ usually — after the first — & especially when he ought to have done it most. viz. after Compositor. & he did so partly because he saw it would take up much of my time, & partly because whenever he did, I gave him more work, and made him do over again far more than he liked to do.

When he left, he told Eaton not to let me see the proofs except to solve his doubts in mere proof-reading. Nevertheless I stopped off in two places & sent the proofs to Florida to do over — And there is a vast deal more that should be done over. Nevertheless, the book will

useful — for his descriptions are generally original.

Send me the all you can spare from your father's collection.

I do not get letters from Hooker or Gray for a long while.

Send to me a copy of your brochure for Miller, which I will mail here or address

Dr. F. Müller, Director Bot. Garden
Melbourne, Victoria.

Buy U.S. mail (ship) from Boston. The same postage will do it. I believe.

Glad you like revision of Phalacrocarpa and restoration of Hookeria.

Aquassiz seemed well pleased with all he saw in Switzerland — & elsewhere I have not heard him say the contrary. I do not see him very often now — shall give him your kind messages when I do.

MISSOURI B
GEORGE E

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I have names of some of Fendler's Orchids — but I will not trouble you with them piece-meal, but when you want any will copy them off from my book.

BOTANICAL GARDEN
ENGELMANN PAPERS

Cupheulia mercurialana, Mq. Notes in my copy of Mich. Fl. made at Paris, on specimen (in Mr. Richard.) are —
"Glabrous; the leaves slightly hairy on the margin, nearly ovate, obtuse. Resembles a broad-leaved C. ipecacuanha."

of C. pubentissima. I have noted "Mr. Richard. Like very large C. hypericifolia Stems very pubescent, almost woolly at the joints, Leaves oval, 1' long, somewhat hairy."

I am unable to answer your queries about C. obtusata Pursh. It may = Dicrosperma. And Pursh's C. pilosa is probably C. Darlingtonii.

I like your Crescentia very well. I have read the paper carefully, & I send you back a loose

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with little corrections of expression — Otherwise it is good, clear English, & well expressed.

In haste ever Yours

A. Gray

Glad you will go right at Euphorbia — I will print it for you here, if you wish.

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Rec'd Dec 9 14
Ans Dec 13

Cambridge, Dec. 1. 1873

Dear Engelmann

I have just received the enclosed draft of Bank of Montreal, no. 8163 on New York, for $25, from Prof. Lawson of Kingston, for a set of Lindheimer's plants of Texas, marked outside $25. It belongs to you. Kindly notify me of the reception, & believe me Ever yours

A. Gray

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Rec'd Jan 4
Ans Jan 29

Cambridge 29 Dec 1859

Dear Sir, I rec'd the Fraxinus & put them right for Chapman. I sent for all Torrey's & sent him back a revision of the genus, correcting his mistakes & mine.

The habitat of F. ligustrina in Mich., deceived me, in the Manual.

The Missouri & Illinois plant is F. acuminata & diff, one = F. ligustrina.

If Torrey does not use my revision, in the genus I will send for it & print it.

Thanks for note of Oaks, Hoping new year to you & yours,
Ever yours A. Gray

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